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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/645,933 | 08/25/2000 | John R. Ellis | 06543-020002 | 4134 |

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EXAMINER

TRUONG, LECHI

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2126

DATE MAILED: 05/04/2004 9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/645,933

Applicant(s)

ELLIS ET AL.

Examiner

LeChi Truong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 52-59 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 52-59 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 52-59 are presented for the examination.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim Rejections - 35 USC § 103 1. Claims 52-54, 56-59 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ramous (US. Patent 5,896,533) in view of Allard et al (US. Patent 5,991,802).
3. As to claim 52, Ramous teaches the invention substantially as claimed including: a computer in communications network (the network of computers in WWW 102(col 1, ln 56-67/ col 2, ln 1-19/ Fig 1 b), data (data, cot 2, ln 44/ cot 3, ln 52-54), a script program (Presentation mechanism object, col 4, ln 16-25/ col 6, ln 10-15/ ln 34-45/ ln 55-60), extracting data (data 201 is retrieved from www 206 may be drapped and dropped onto window 204, col 50-55), network server (www server 206, cot 3, ln 15-67/ cot 6, ln 10-67/ Fig. 2b), a computer (computer 200, Fig. 2a), an object embedding program (OLE (object linking and embedding , col 3, ln 49-55/ ln 60-67), located said script program(Presentation Mechanism 304 may be registered to appear in the menu list as " www Document" which may be selected by the user, col 6,ln 10-15), network

based information (name, addresses of objects, and files on Internet's WWW 206/ the server name and path name to the file where the object's content reside, col 3, ln 15-67), object embedding program being structured (the Object linking and embedding technology (OLE 2.0) are extended, col 4, ln 5-11), a compound document implemented(application 202, 204, cot 3, ln 15-67/ Fig. 2.a).

4. Ramous does not explicit teach the term “ a link” can locate said script program. However, Allard teaches a link (a URL 101 that encodes the shim script, col 4, ln 35-40).

5. It would have been obvious to one of the ordinary skill in the art at the time the invention was made to combine the teaching of Allard to Ramous because Allard's link would permits a client to specify that a computer program is to be executed by using URL.

6. As to claim 53, Allard teaches a direct link to say script program URL in an HTTP request specifies not only the protocol and server computer but also a script, a behavior of script (cot 2, ln 5-25/ col 4, ln 35-40).

7. As to claim 54, Allard teaches a link to said script program (the URL that uniquely identifies the computer on which server executes and the resource, a script, script name, the shim script (col 1, ln 30-50/ col 2, ln 1-29/ln 45-52/col 2, ln 167 to col 4, ln 1-45/col 11, ln 45-50).

8. As to claim 56, Ramous teaches a universal resource locator (URL 208, col 3, ln 15-67col 6, ln 5-67/ Fig. 2b).

9. As to claim 57, Ramous teaches compound document (application 202, 204, col 3, ln 15-67/ Fig. 2.a).

10. As to claim 58, Allard teaches a page of information (page 1, col 1, ln 30-50).

11. As to claim 59, it is an apparatus claim of claim 1; therefore, it is rejected for the same reason as claim 1 above.

12. Claim 55 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ramous (US. Patent 5,896,533) in view of Allard et al (US. Patent 5,991,802) and further in view of Sengoku et al (Hypertext type information providing information retrieving device).

13. As to claim 55, Ramous and Allard do not teach a link table to said script program. However, Sengoku teaches a link table to said script program (a URL table, page 1-2).

14. It would have been obvious to one of the ordinary skill in the art at the time the invention was made to combine the teaching of Ramous, Allard and Sengoku because Sengoku's URL table would improve convenience for a user who access to a web page.

Response to the argument

15. Applicant amendment filed on 3/08/04 has been considered but they are not persuasive.

In the remarks, applicant argued in substance that (1) "Ramous does not teach link to said network based information" and "link from which said object embedding program can locate said script program", (2) "Ramous does not teach the object embedding program being construct to apply said script program to said network based information so as to cause said data to be extracted from said network based information"

16. Examiner respectfully traversed Applicant's remarks:

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As to point (1), Ramos teaches link 104 to web server (Fig. 1a/b), Presentation Mechanism 216 is extended OLE container, col 4, ln 1-5/ a presentation Mechanism object is embedded in OLE container 300, col 4, ln 16-20). Allard teaches a link a URL 101 that encodes the shim script (col 4, ln 35-40).

As to the point (2), Ramos teaches OLE container 300 calls the standard OLE API to create Presentation Mechanism, col 5, ln 40-50), Presentation mechanism object 306 utilizes the URL to access the desired object/data from www 206... Presentation mechanism object and OLE server communicate amongst each other using an array of the pointer of an interface class as was illustrated in Fig. 4, WWW object / data is display to user, col 6, ln 54-62/ PAM process data using OLE surrogate server and OLE, FIG. 10)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (703) 305 5312. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 703-305-9678. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

LeChi Truong

April 30, 2004



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